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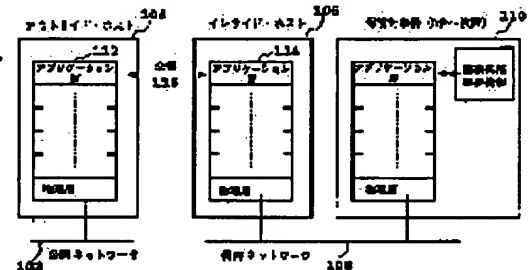
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## (54) NETWORK SECURITY SYSTEM

## (57)Abstract:

PROBLEM TO BE SOLVED: To secure a high security in a system connected to a network.

SOLUTION: An outside host 104 is connected to an external network 102. A 1st connection program 112 for providing the security of the network 102 is stored in the host 104. The host 104 is connected to an inside host 106 through an exclusive transmission line 116. A 2nd connection program 114 is stored also in the host 106. The 1st and 2nd connection programs 12, 14 are respectively constituted of an application level program and a driver program for driving an exclusive transmission line. Communications can be attained only between the two connection programs 112, 114 and intrusion from the external can be prevented by executing communication only between two connection programs 112, 114. In addition, another part in the system can be prevented from being accessed.



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